

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

Date: 16.09.14	Job No.: RD16-1012-01	ADR Yes/No: N	ADR Date:	ECN #:	16- 642
Product No.: D139-1012-011		Created By: ML	Approved By: <i>JP</i>		
Product Name: AW139 CARGO NET		Checked By: <i>JP</i>			

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	N	DM	
Production Manager / Coord.	Y	MP / MF	<i>16.09.15</i>
Purchasing Manager / Purchasing Coord.	Y	LL / CL	<i>16.09.15</i>
Production Engineering Coord.	Y	DD / JLM	<i>16.09.15</i>
Production Engineering Coord.	N	DL	
Customer Order Processing	N	SL / BG	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	PS / ED	<i>16.09.15</i>
QC Coordinator	Y	PD	<i>16.09.15</i>
Customer Support	Y	SW / LM	<i>16.09.15</i>
Customer Technical Support	Y	MB / HS	<i>16.09.15</i>
Marketing	N	SL / WR	
Dist. Management Coord.	N	HM	

Reason for Change:

MODIFY EXISTING NET BASED ON CUSTOMER FEEDBACK

Documents Affected:

RELEASE D5289 REV. C AND D5366 REV. E

IF APPLICABLE: NCR: _____ PAR: _____ CAR: **16-79** CIR: _____ URF: **16-642**

PAPERWORK UPDATE

PARTS MUST COMPLY

PREVIOUS PARTS SATISFACTORY

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	KJ		<i>16.09.14</i>
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ	<i>PLACED IN V/R FOLDER</i>	<i>16.09.14</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ		<i>16.09.15</i>
17	Update / Verify Airworthiness Release Certificate Database	Y	KJ		<i>16.09.15</i>
18	Create / Update Change Record Form / Item Card Database	Y	KJ	D139-1012-011 @ CHG 002	<i>16.09.14</i>
19	Create / Update Packaging Process Plan (PPP)	Y	KJ		<i>16.09.14</i>
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Opulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	KJ	D5289 REV. C AND D5366 REV. E	<i>16.09.14</i>
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

DRAWINGS TO BE RELEASED ASAP SO TULMAR CAN PRODUCE PARTS FOR TRIAL INSTALLATION

NO MDL UPDATE AT THIS TIME

DRAWINGS TO BE KEPT UNDER REVIEW UNTIL AFTER TRIAL INSTALLATION, ENGINEERING TO ADVISE

ECN Verified & Complete: *[Signature]*

Date: *2016.09.19*



Continuous Improvement Report

Reviewed			
DQA:			
Date:			
Details			
Raised Date 9/7/2016	Status Open	Owner Monterroza, William	Number CIR16-79
Target Date 10/28/2016	Standard		Severity MAJOR
Process Customer Feedback	Audit		
Raised By Person Esso Australia Pty Ltd / Exxon Mobil	Raised Against (Department or Supplier) Engineering\Design		Fault Category General\Design
Details Raised by Customer Support. Multiple customer complaints about the design and functionality of the net. Customer unhappy with pulley raining system. Too hard to pull and doesn't raise the net high enough for their liking. Carabiner attachment is too difficult to use when personnel are wearing gloves, hook would be preferable. 3 horizontal straps are not long enough, they restrict the size of the cargo that can be loaded, they are too short to allow full use of the compartments. Once the cargo is loaded, the ratchets on the LH/RH straps that go over the top of the cargo are difficult to access because they're on top of the load. It would be preferable to move them lower down nearer to the d-rings.			
Keywords A / Active Alan SteveD / Case 9485	Product D139-1012-011		
Document	Root Cause		
Closed By	Closed Date	Resolution	

Corrective Action			
Target Date 10/28/2016	Owner Monterroza, William	Closed Date	Closed By
Details			

Actions			
Number	Owner	Target Date	Completed Date
Details		Response	
1	Monterroza, William	9/9/2016	8/31/2016
Put net under review		URF16-636	
2	Monterroza, William	9/13/2016	
update dwgs to reflect required changes, communicate with vendor to produce prototype			

3	Monteroza, William	9/19/2016	
Test fit at ERA.			
4	Monteroza, William	9/28/2016	
Update dwgs			
5	Monteroza, William	10/26/2016	
Release on ECN			
6	Willem, Sian	10/28/2016	
communicate changes to Esso			

Verification & Review

Target Date	Owner	Closed Date	Closed By
10/28/2016	Downing, Eric M		
Details			

Actions

Number	Owner	Target Date	Completed Date
Details	Response		